

CLAIMS

1. Imagery controlling apparatus, comprising:

three-dimensional imagery; the three-dimensional imagery is displayed on a television; at least in part controlling the three-dimensional imagery is circuitry; the circuitry reads output of

a sensor; the circuitry reads the sensor output as

On/Off data, the On/Off data at least in part controls the three-dimensional imagery; and the circuitry reads the sensor output as

proportional data, the proportional data proportionally controls at least in part the three-dimensional imagery;

a single independent button is located to activate the sensor, the button is shaped and positioned to be depressed by a single human finger or thumb of a hand of a user;

a passive tactile feedback structure, the passive tactile feedback structure is a resilient dome associated with the sensor, the resilient dome providing a soft snap tactile feedback vibration to the finger with depression of the button;

a first variable resistor; the first variable resistor comprises:

a rotational shaft; and

terminals; the terminals of the first variable resistor are soldered to the circuitry located on

a circuit board;

a second variable resistor; the second variable resistor comprises:

a rotational shaft; and

terminals; the terminals of the second variable resistor are soldered to the circuitry located on the circuit board;

a third variable resistor; the third variable resistor comprises:

a rotational shaft; and

terminals; the terminals of the third variable resistor are soldered to the circuitry located on the circuit board;

a fourth variable resistor; the fourth variable resistor comprises:

a rotational shaft; and

terminals; the terminals of the fourth variable resistor are soldered to the circuitry located on the circuit board.

2. Imagery controlling apparatus according to claim 1 wherein the first, second, third and fourth variable resistors are rotary potentiometers.

3. Imagery controlling apparatus according to claim 2 further comprising:

four sensors are connected to the circuitry, the four sensors positioned to be activated by

a rotation actuating member, said member shaped to rotate about a fulcrum as a pivot point.

4. Imagery controlling apparatus, comprising:

three-dimensional imagery; the three-dimensional imagery is displayed on a television; at least in part controlling the three-dimensional imagery is

circuitry; the circuitry reads output of

a sensor; the circuitry reads the sensor output as

On/Off data, the On/Off data at least in part controls the three-dimensional imagery; and the circuitry reads the sensor output as

proportional data, the proportional data proportionally controls at least in part the three-dimensional imagery;

a single independent button is located to activate the sensor, the button is shaped and positioned to be depressed by a single human finger or thumb of a hand of a user;

a passive tactile feedback structure, the passive tactile feedback structure is

a resilient dome associated with the sensor, the resilient dome providing a soft snap tactile feedback vibration to the finger with depression of the button.

5. Imagery controlling apparatus according to claim 4, further comprising:

a first variable resistor is a rotary potentiometer; the first variable resistor comprises:

a rotational shaft; and

terminals; the terminals of the first variable resistor are soldered to the circuitry located on

a circuit board;

a second variable resistor is a rotary potentiometer; the second variable resistor comprises:

a rotational shaft; and

terminals; the terminals of the second variable resistor are soldered to the circuitry located on the circuit board;

a third variable resistor is a rotary potentiometer; the third variable resistor comprises:

a rotational shaft; and

terminals; the terminals of the third variable resistor are soldered to the circuitry located on the circuit board;

a fourth variable resistor is a rotary potentiometer; the fourth variable resistor comprises:

a rotational shaft; and

terminals; the terminals of the fourth variable resistor are soldered to the circuitry located on the circuit board.

6. Imagery controlling apparatus according to claim 5 further comprising:

four pressure sensors are connected to the circuitry, the four pressure sensors positioned to be activated by

a rotation actuating member, said member shaped to rotate about a fulcrum as a pivot point.

7. Imagery controlling apparatus, comprising:

three-dimensional imagery; the three-dimensional imagery is displayed on a television; at least in part controlling the three-dimensional imagery is circuitry; the circuitry reads output of

a sensor; the circuitry reads the sensor output as

On/Off data, the On/Off data at least in part controls the three-dimensional imagery; and the circuitry reads the sensor output as

proportional data, the proportional data proportionally controls at least in part the three-dimensional imagery;

a single independent button is located to activate the sensor, the button is shaped and positioned to be depressed by a single human finger or thumb of a hand of a user; the circuitry connects to

an active tactile feedback structure, the active tactile feedback structure providing a vibration to the hand of the user;

a passive tactile feedback structure, the passive tactile feedback structure is a resilient dome associated with the sensor, the resilient dome providing a soft snap tactile feedback vibration to the finger with depression of the button;

a first variable resistor; the first variable resistor comprises:

a rotational shaft; and

terminals; the terminals of the first variable resistor are soldered to the circuitry located on

a circuit board;

a second variable resistor; the second variable resistor comprises:

a rotational shaft; and

terminals; the terminals of the second variable resistor are soldered to the circuitry located on the circuit board;

a third variable resistor; the third variable resistor comprises:

a rotational shaft; and
terminals; the terminals of the third variable resistor are soldered to the circuitry located on the circuit board;
a fourth variable resistor; the fourth variable resistor comprises:
a rotational shaft; and
terminals; the terminals of the fourth variable resistor are soldered to the circuitry located on the circuit board.

8. Imagery controlling apparatus according to claim 7 wherein the active tactile feedback structure comprises
a motor; the motor connected to
an offset weight, wherein the motor rotates the offset weight providing the active tactile feedback vibration.